

THE STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐GAS WELL ☒OTHER ☐SINGLE ZONE ☒MULTIPLE ZONE ☐

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

524' FNL/2261' FWL NE NW

At proposed prod. zone

SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 15 miles southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

524'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

6200' Wasatch

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5289' Ungr. Gr.

22. APPROX. DATE WORK WILL START*

January 20, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sy
8-3/4", 7-7/8"	4-1/2"	11.6#	6200'	Sufficient cement to circulate back to surface

Fresh water aquifers will be protected when the long string is run and cement is circulated back to surface.

Please see attached supplemental information:

- (1) BOP Program
- (2) BOP Schematic
- (3) Survey Plat
- (4) Location Layout, Cut & Fill

Gas well production hookup to follow on Sundry Notice.

DIVISION OF
OIL, GAS & MINING

JAN 8 1981

RECEIVED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

E. W. Heiser
E. W. Heiser

TITLE Acting Drilling Manager

DATE January 7, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 1/12/81

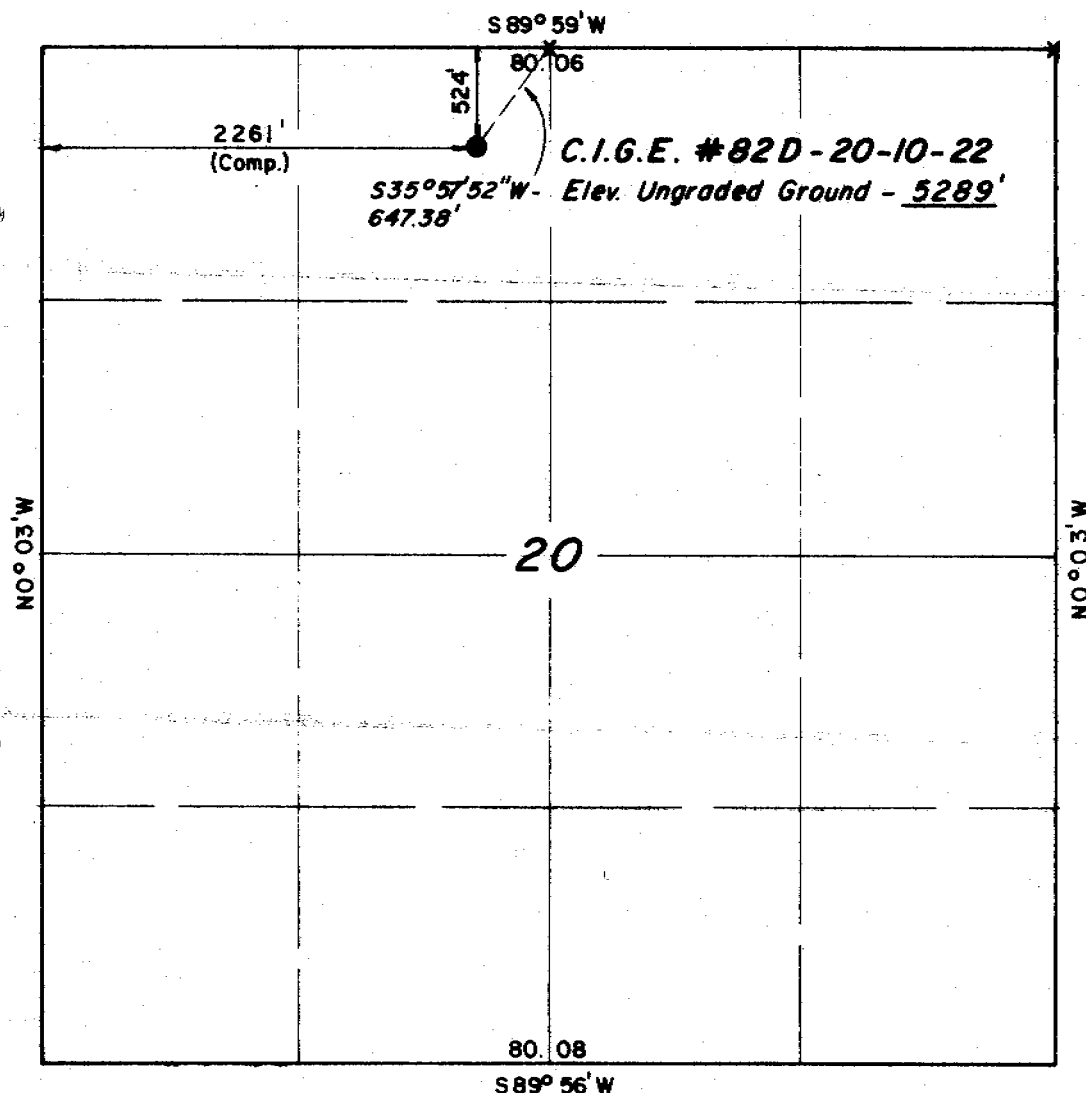
BY: B. J. Feigert

*See Instructions On Reverse Side

T 10 S , R 22 E , S.L.B.&M.

PROJECT
C.I.G. EXPLORATION INC.

Well location, C.I.G.E. #82D-20-10-22, located as shown in the NE 1/4 NW 1/4 Section 20, T10S, R22E, S.L.B. & M. Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Nelson J. ...
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX 9 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	1/6/80
PARTY	LDT TJ RP	REFERENCES	GLO Plat
WEATHER	Cool	FILE	C.I.G.E

X = Section Corners Located

C.I.G. EXPLORATION, INC.
C.I.G.E. 820-20-10-22

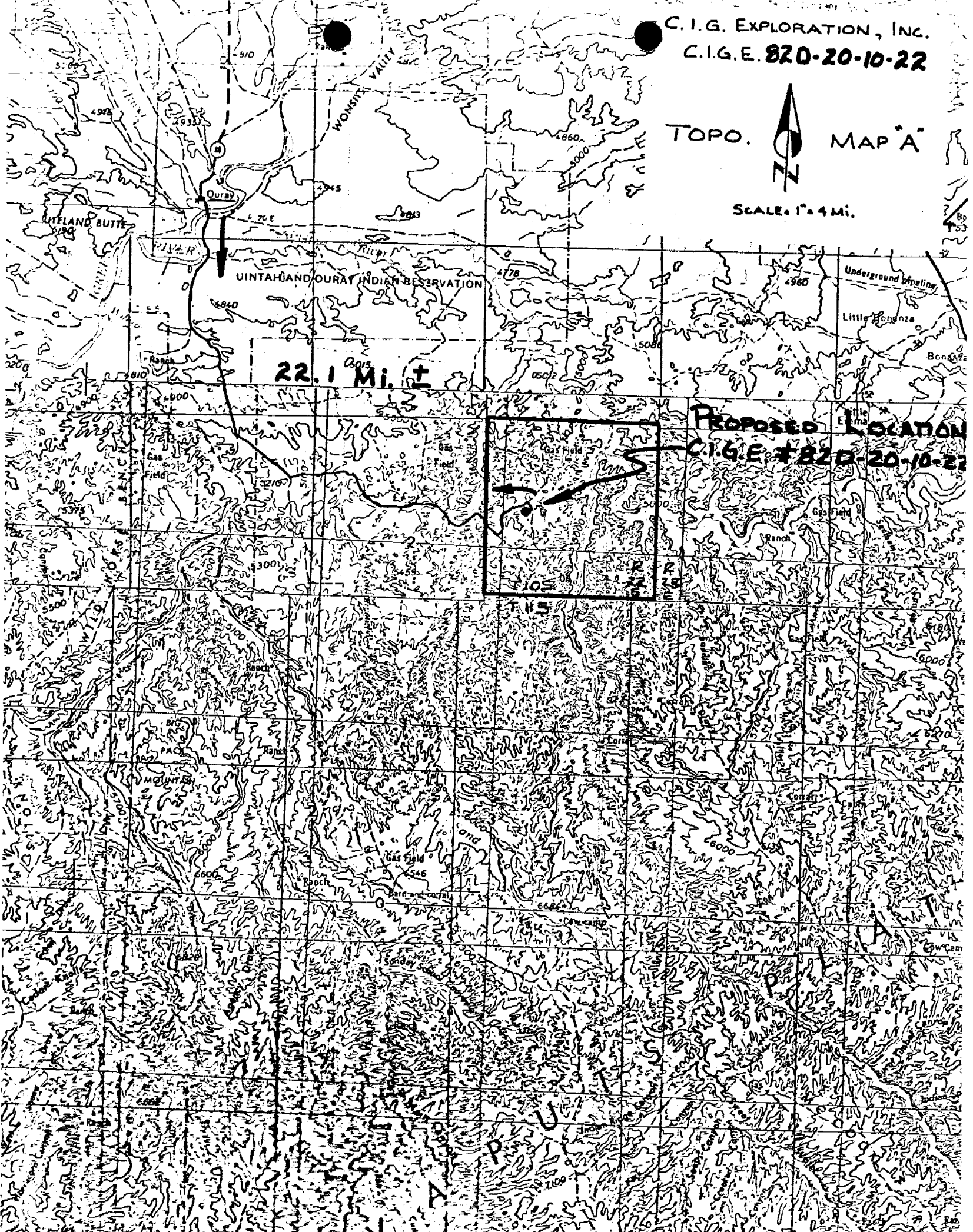
TOPO.

MAP "A"

SCALE: 1" = 4 MI.

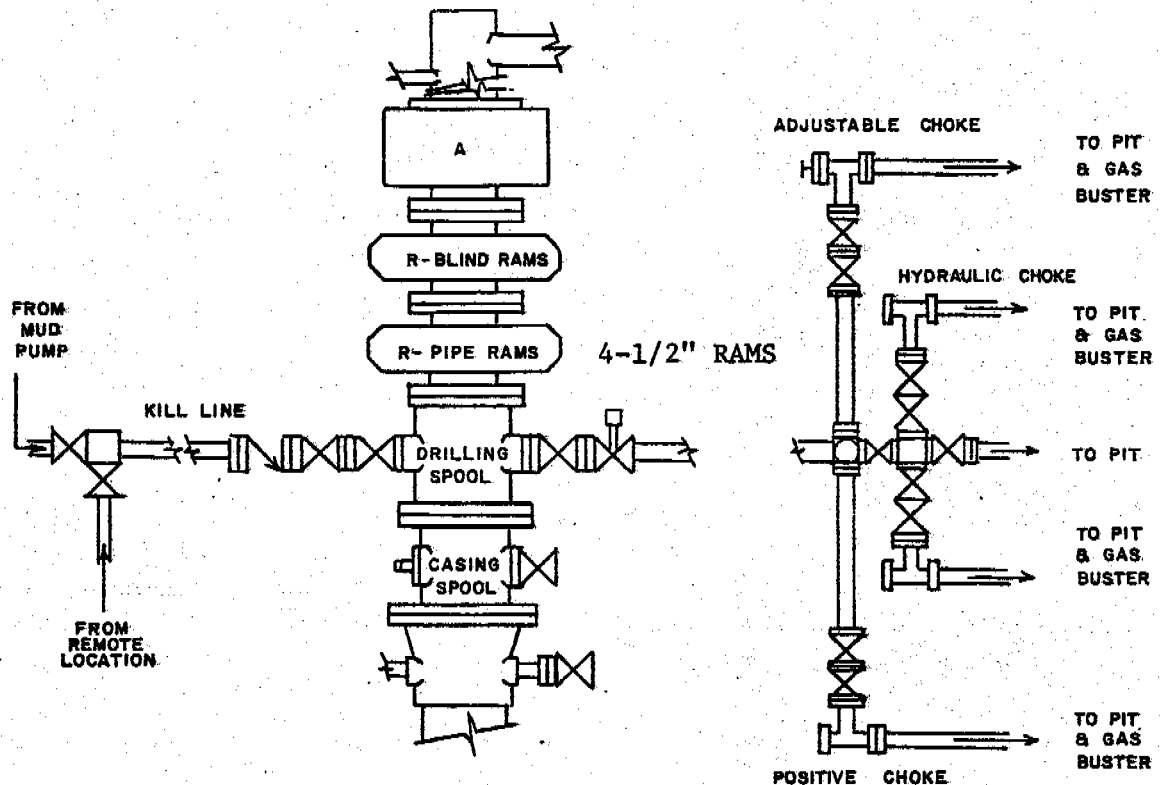
22.1 MI. ±

PROPOSED LOCATION
C.I.G.E. 820-20-10-22



3000 psi

Working Pressure BOP's



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

BLOWOUT PREVENTER PROGRAM:

Operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency.

Bottom:

3000# BOP W/4-1/2" pipe rams
3000# BOP W/blind rams
3000# Hydril

Top:

Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line, to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

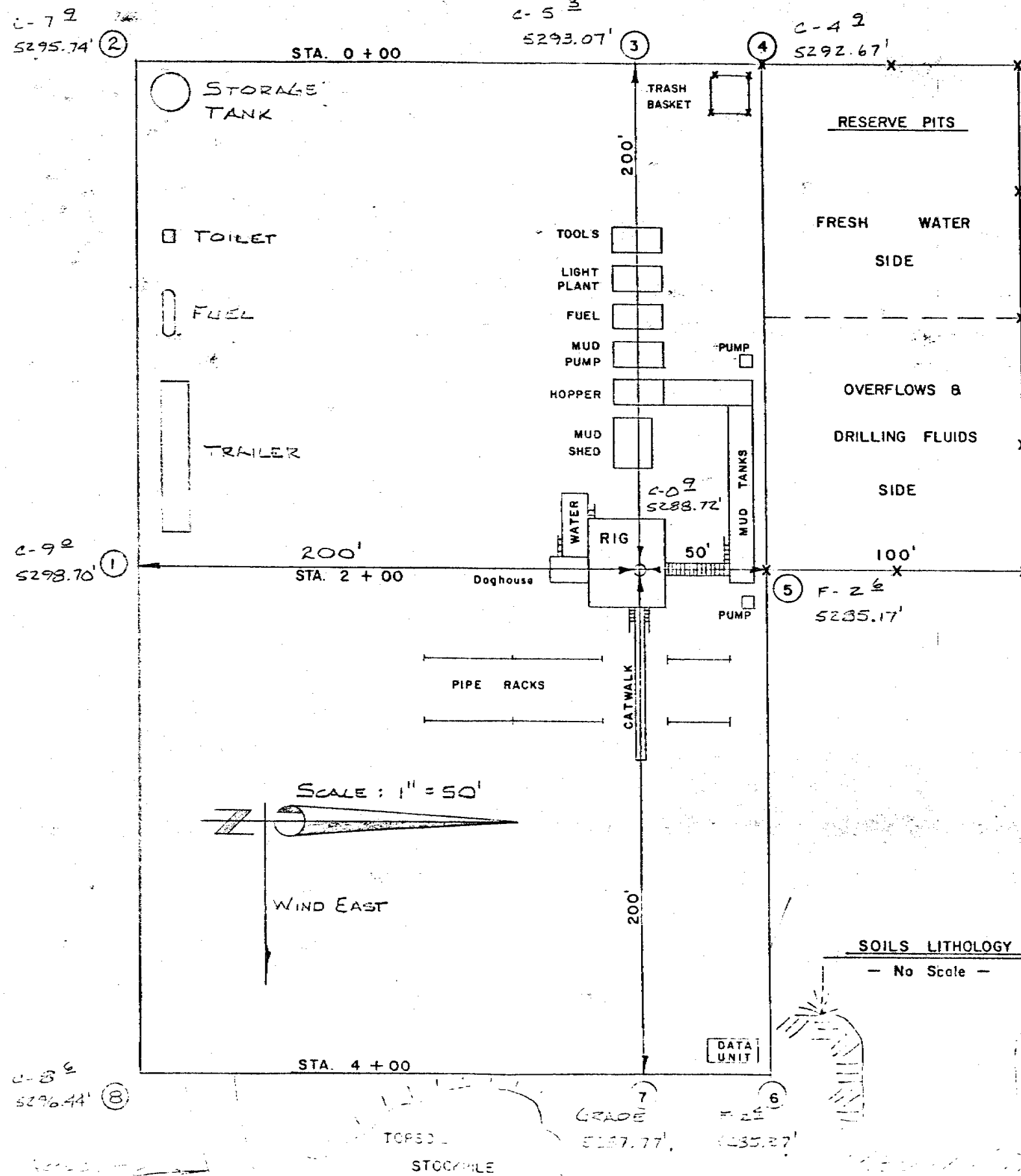
The well will be drilled with fresh water mud from surface to _____ with a weight of _____ to _____ ppg. From _____ to _____ the well will be drilled with fresh water mud with a weight from _____ to _____ ppg.

Auxiliary equipment to be used:

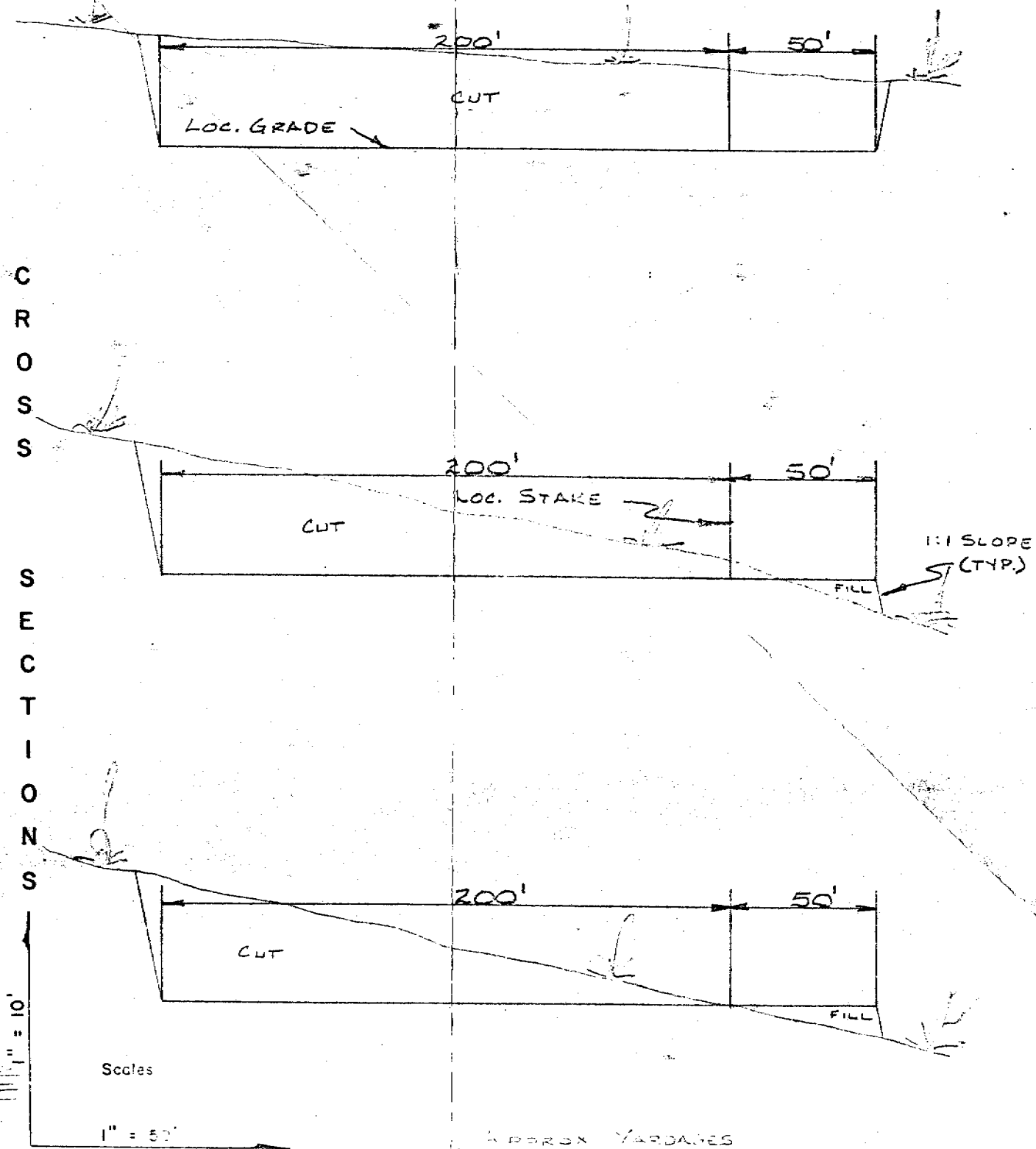
- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub with a full opening valve will be available on the floor to stab into the drill pipe when the kelly is not in the string.

C.I.G. EXPLORATION, INC.

C.I.G.E. #82D-20-10-22



CROSS SECTIONS



C.I.G.E. 820-20-10-22

TOPO. MAP 'B'

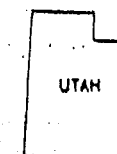


ROAD CLASSIFICATION

Light-duty

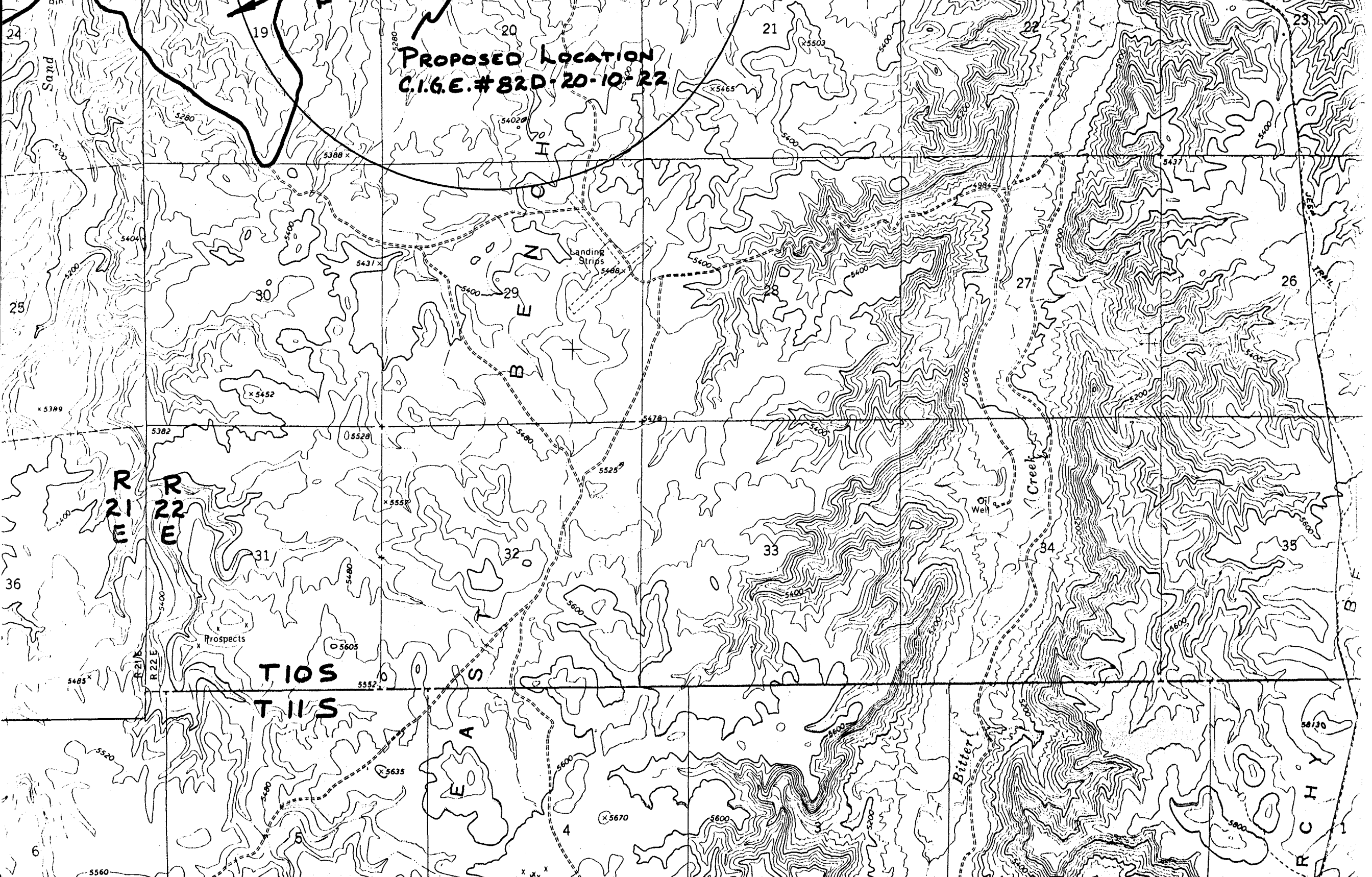
Unimproved dirt

○ State Route



UT

PROPOSED ACCESS
ROAD - 0.3 MILES



**** FILE NOTATIONS ****

DATE: January 12, 1981

OPERATOR: CIG Exploration, Inc.

WELL NO: CIGE 82D-20-10-22

Location: Sec. 20 T. 10S R. 22E County: Uintah

File Prepared: ☐

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number: 43-047-30864

CHECKED BY:

Petroleum Engineer: M. J. Minder

Director: OK in Unit

Administrative Aide: In Natural Gas Unit

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation St.

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

January 15, 1981

CIG Exploration, Inc.
P. O. Box 749
Denver, Colorado 80201

Re: Well No. CIGE 82D-20-10-22
Sec. 20, T. 10S, R. 22E
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953, and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (Aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30864.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight
Director

/ko

cc: Donald Prince, State Land Board

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-22974
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		6. IF INDIAN, ALLOTED OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201		7. UNIT AGREEMENT NAME Natural Buttes Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 524' FNL / 2261' FWL (NE NW)		8. FARM OR LEASE NAME Natural Buttes Unit
14. PERMIT NO. 43-047-30864		9. WELL NO. CIGE 82D-20-10-22
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 5289' Ungr. Gr.		10. FIELD AND POOL, OR WILDCAT Natural Buttes Field
		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Section 20-T10S-R22E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Other) Proposed Gas Well Prod. Hookup ☒ (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

SUPPLEMENTAL TO APPLICATION FOR PERMIT TO DRILL OR DRILL

- (1) Proposed Gas Well Production Hookup
 - A Typical Well Head Installation
 - B Typical Main Lines and Pipe Anchor Detail
- (2) Proposed Pipeline Map
- (3) Proposed Road and Flow Line and Pipeline Right of Way

For On-Site Contact: Ira K. McClanahan at (303) 473-2300

18. I hereby certify that the foregoing is true and correct

SIGNED

E. R. Midkiff

TITLE District Prod. Manager

DATE March 16, 1981

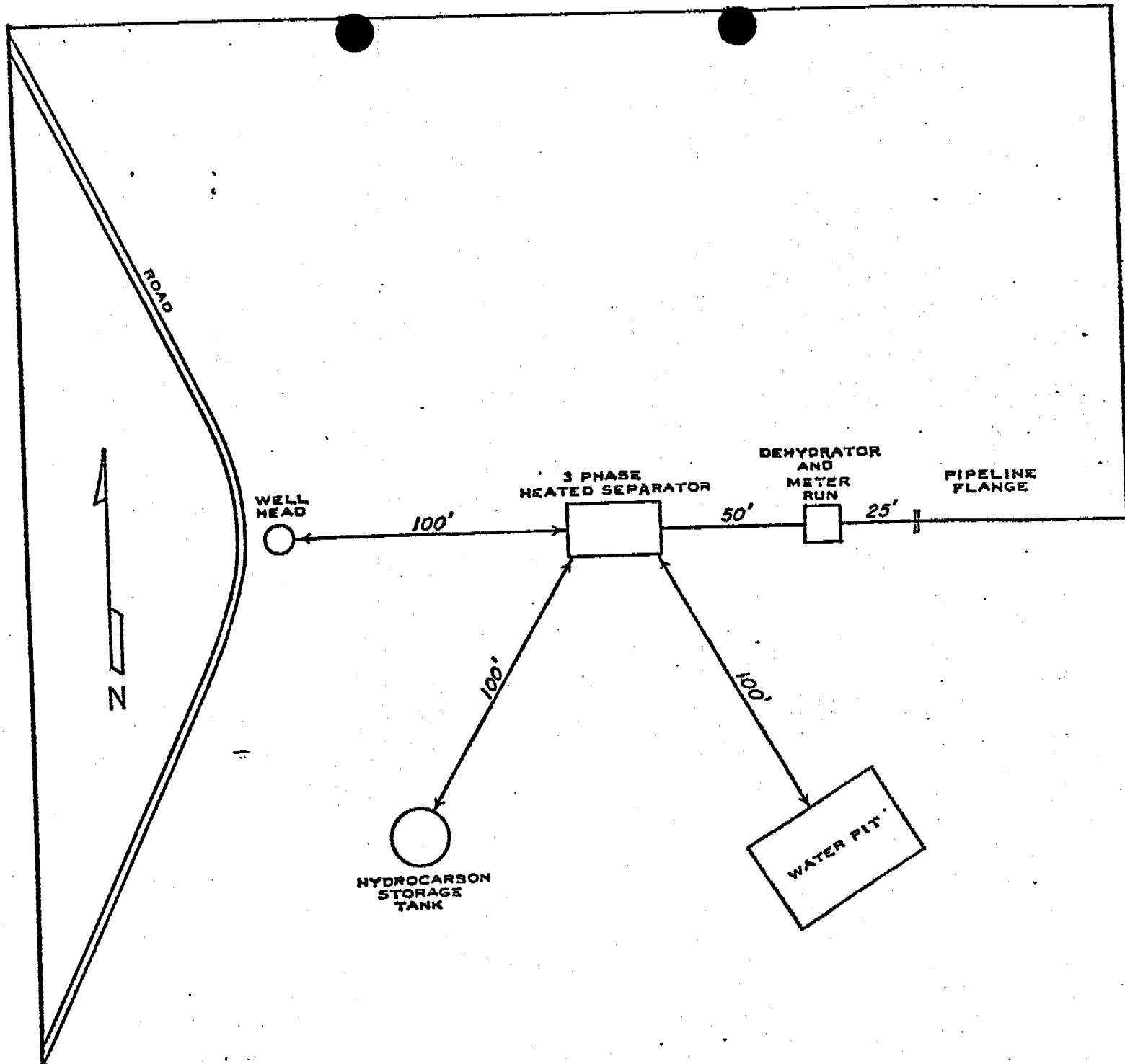
(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



COASTAL OIL & GAS CORPORATION
DENVER, COLORADO

CIGE 82D-20-10-22
Section 20-T10S-R22E
Uintah County, Utah

ESTIMATE SKETCH

DATE: 2-6-81
STARTING DATE: _____
EST. COMP. DATE: _____
☐ COMPANY ☒ CONTRACT

☒ COLORADO INTERSTATE GAS COMPANY
☐ _____

W O NO.: _____
REVISION NO.: _____
BUDGET NO.: _____
RELATED DWG.: 115Fu-1F

LOCATION: NE NW Section 20-10S-22E COUNTY: Uintah STATE: Utah
DESCRIPTION OF WORK: Connect NREG #82B-20-10-22
Natural Buttes Field

REQUESTED BY: _____ APPROXIMATE MILEAGE: _____ PROJECT ENGINEER: JFK

RANGE: 22E

2" - 600# ANSI METER
SETTING PER
STANDARD P.S. 3.2 M WITH
DEHYDRATOR.

16-20-10-22

C.I.G.E. INC.
434625

20 APPROX. 1,600' OF 4 1/2" O.D.
X .125" W.T. GRADE X-42
PIPE.

F102-4"

4" ON 4" SIDE VALVE WITH
CHECK VALVE

TOWNSHIP: 10S

PREPARED BY: mas

SCALE (IF ANY): 1" = 1,000'

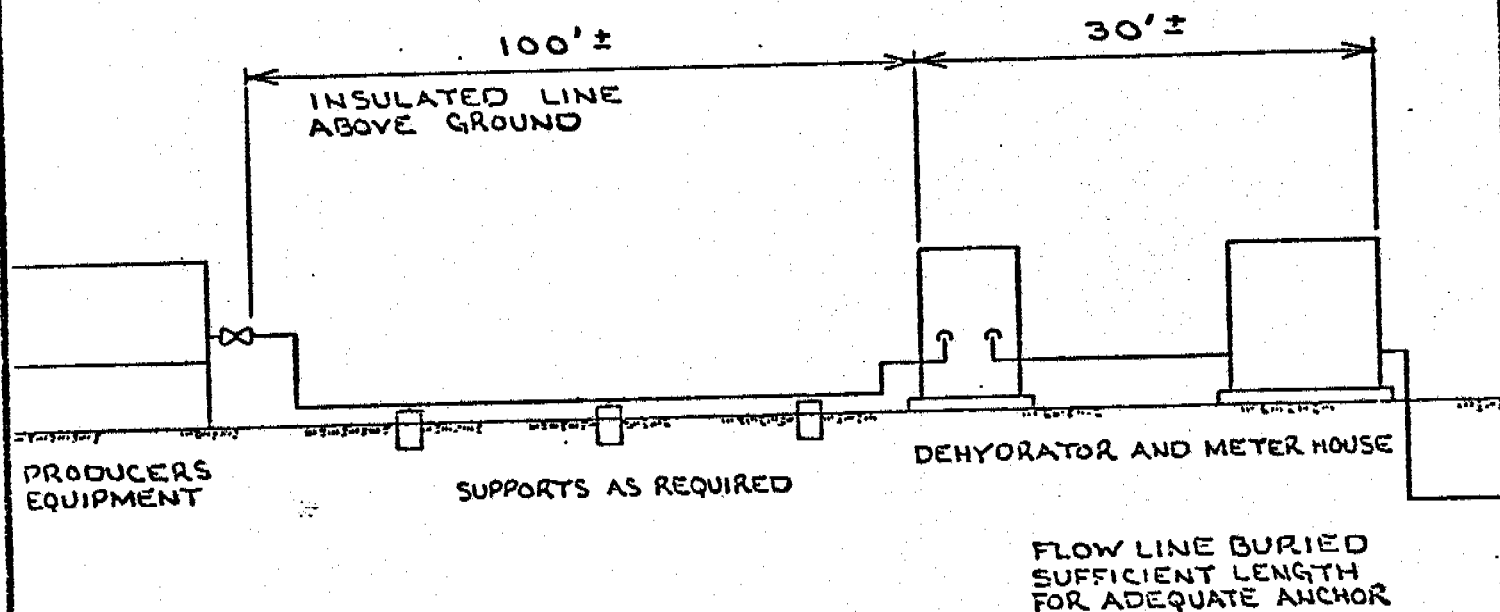
Statement for permit to lay flow line, to be included with application for Drilling Permit:

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #82D-20-10-22 in an easterly direction through the N/2 of Section 20 connecting to Line F102-4" in the NE/4 of Section 20, all in 10S-22E. The line will be approximately 1,600' long, as shown on the attached sketches.

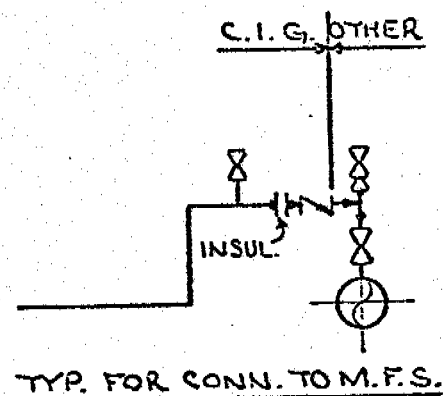
Pipe will be 4-1/2" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place, using portable electric welding machines, and will be laid aboveground except where burial is necessary for road crossing, ditches, or other obstructions. Magnesium anodes will be installed at the dehydrator, meter setting, road crossings, underground piping at stream crossings, and at producer's separator for corrosion protection.

CIG will connect to producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.



							Colorado Interstate Gas Co.	
							COLORADO SPRINGS, COLORADO	
							TYPICAL WELL HEAD INSTALLATION	
							NATURAL BUTTES FIELD	
							UINTAH COUNTY, UTAH	
NO.	C. O. NO.	DESCRIPTION	DATE	BY	CHK.	APPR.	SCALE: NONE	DRAWN: RWP
								APP: .
								115FP-2 1/8
							DATE: 7-16-77	C. O. 23858



1	23858	REVISE STARTING POINT	8-2277 RWP	CANAL				
NO.	C.O. NO.	DESCRIPTION	DATE	BY	CHK.	APP.		

TYPICAL CONNECTION TO MAIN
LINES AND PIPE ANCHOR
DETAIL - NATURAL BUTTES FIELD
JUNTA COUNTY, UTAH

SCALE: NONE | DRAWN: RWP | APP: MM

DATE: 7-7-77 CHECK: 1200 C C 23859

115FP-1 1/8

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: CIG Exploration Corp.

WELL NAME: CIGE 82D-20-10-22

SECTION ^{NE NW} 20 TOWNSHIP 10S RANGE 22E COUNTY Uintah

DRILLING CONTRACTOR Westburn

RIG # 65

SPUDDED: DATE 9-8-81

TIME 10:00 a.m.

How Dryhole

DRILLING WILL COMMENCE 12-10-81

REPORTED BY Tracy Dawe

TELEPHONE # 572-1121

DATE 9-18-81 SIGNED R. Bradley

NOTICE OF SPUD

WELL NAME: CIBE 82D-20-10-22

LOCATION: NE 1/4 NW 1/4 SECTION 20 T- 105 R- 22E

COUNTY: Uintah STATE: Utah

LEASE NO.: ML-22974 LEASE EXPIRATION DATE: NBP

UNIT NAME (If Applicable): Natural Bunked Unit

DATE & TIME SPURRED: 9/8/81 10:00 A.M.

DRY HOLE SPUDDER: Ram Air--Drilling

DETAILS OF SPUD (Hole, Casing, Cement, etc.): Spud 12 1/4" hole. 0 to 225'. Ran 9 5/8" csg set @ 221' GL. NOUO cem w/ 25 bks class "H" - circ 5 bks cem to surface. Plug down @ 1:00 pm 9-9-81

ROTARY RIG NAME & NUMBER: WestHorne No 65

APPROXIMATE DATE ROTARY MOVES IN: December 10, 1981

FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: September 18, 1981

PERSON CALLED: Vicki McAllister

STATE CALLED: DATE: September 18, 1981

PERSON CALLED: Robin Bradley

REPORTED BY: Tracey Daise

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-22974	
2. NAME OF OPERATOR CIG Exploration, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201		7. UNIT AGREEMENT NAME Natural Buttes Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 524' FNL / 2261' FWL (NE NW)		8. FARM OR LEASE NAME Natural Buttes Unit	
14. PERMIT NO. 43-047-30864		9. WELL NO. CIGE 82D-20-10-22	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5289' Ungr. Gr.		10. FIELD AND POOL, OR WILDCAT Natural Buttes Field	
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 20-T10S-R22E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

Spud ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Verbal report made to USGS(Vicki) and State (Robin) on September 18, 1981.
Please see attached for additional details.

18. I hereby certify that the foregoing is true and correct

SIGNED

H. E. Aab

TITLE **District Drilling Manager**

DATE **Sept. 18, 1981**

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Operations</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Well Spudded 9/8/81. WORT.

SEP 21 1981

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

P. E. Aab

TITLE District Drilling Manager

DATE Sept. 17, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	Operations <input checked="" type="checkbox"/>
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Please see attached chronological for report of operations September 16 through October 15, 1981.

OCT 30 1981

OIL & GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

H. E. Aab

TITLE District Drilling Manager

DATE October 16, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-22974
2. NAME OF OPERATOR CIG Exploration, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201		7. UNIT AGREEMENT NAME Natural Buttes Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 524' FNL / 2261' FWL (NE NW)		8. FARM OR LEASE NAME Natural Buttes Unit
		9. WELL NO. CIGE 82D-20-10-22
		10. FIELD AND POOL, OR WILDCAT Natural Buttes Field
		11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA Section 20-T10S-R22E
14. PERMIT NO. 43-047-30864	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5289' Ungr. Gr.	12. COUNTY OR PARISH 13. STATE Uintah Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	Operations <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached chronological for report of operations October 16 through November 15, 1981.

18. I hereby certify that the foregoing is true and correct

SIGNED H. E. Aab TITLE District Drilling Manager DATE Nov. 18, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CIGE #82D-20-10-22-P (CIGE)

Natural Buttes Unit

Uintah County, Utah

AFE: 19802 WI: 100%

ATD: 6200' SD: 9-8-81/10-31-81

CIGE, Oper.

Westburne #65, Contr.

9-5/8" @ 221' GL;

LOCATION: 524' FNL & 2261' FWL
 Sec 20-T10S-R22E.
 Elev: 5289' GL (ungr)

9-9-81 225'; (225').

RU Ram Air Drlg. Spud 10:00 AM 9-8-81; in 15 hrs drl 12 1/4" hole to 225'.

9-10-81 TD 225'; WO RT.

Ran 5 jnts (222.70') 9-5/8" OD 36# 8rd K-55 ST&C Rg 3 set @ 221' GL; Howco
 cmt w/125 sx Cl "H" w/2% CaCl, 1/4#/sk Flocele; circ 5 bbl cmt to surf; PD @ 1:00 PM
 9-9-81. Cum Csts: \$24,521.

9-11-81 thru 10-31-81 WO RT.11-1-81 810'; (571'-13 hrs); Drlg.

Tst BOP; RU Yellow Jacket; PU BHA; tag cmt @ 215'; drl cmt 215-225'; RS;
 drl cmt 225-239'; drl form. Spud @ 2:30 PM 10-31-81; drl. MW 8.4, vis 28, Wtr.
 (3/4" @ 372'). Cum Csts: \$50,521.

11-2-81 1431'; (621'-14 1/2 hrs); WOC plug #1.

Drl; surv; drl; RS; drl; surv; drl, lost circ @ 1336'; dry drl to 1431'; TOH
 to cmt; TIH OE to 753'; WO Howco 3 hrs; RU & cmt w/300 sx Cl "H", 3% CaCl, 1/4#/sk Flocele,
 12#/sk Gilsonite; compl @ 3:00 AM 11-2-8; TOH; WOC - on TOH EL @ 75'. MW 8.5, vis 28,
 Wtr. (3/4" @ 825') (2" @ 1336'). Cum Csts: \$67,854.

11-3-81 1586'; (155'-3 hrs); Drlg @ 52'/hr.

WOC plug #1; TIH, tag cmt @ 961'; drl cmt f/961-1431'; drl; RS; drl w/full
 retns. MW 8.4, vis 29, Circ res pit. Cum Csts: \$76,014.

11-4-81 2200'; (614'-21 1/2 hrs); Drlg 7-7/8" hole w/full retns.

Surv; drl; surv; drl; RS; drl; rig rep - rot chain; surv; drl. No gas
 logging unit yet. MW 8.4, vis 27, Circ res pit. (2 1/4" @ 1568') (2" @ 1712') (2 1/4" @
 2016'). Cum Csts: \$84,852.

11-5-81 2965'; (765'-23 hrs); Drlg.

Drl; surv; drl; RS; drl. BGG 150 units, CG 220 units. MW 8.4, vis 27, Wtr.
 (1 1/2" @ 2498'). Cum Csts: \$92,982.

11-6-81 3580'; (615'-22 1/2 hrs); Drlg @ 33'/hr.

Drl; surv; drl; RS; drl; surv; drl. BGG 500 units, CG 500 units. MW 8.4,
 vis 27, Circ res pit. (2" @ 3028') (2" @ 3520'). Cum Csts: \$101,527.

11-7-81 4020'; (440'-17 hrs); Drlg.

Drl; RS; drl; POH w/bit #2 @ 3915'; drl. BGG 150 units, CG 250 units, TG
 1200 units. WM 8.5, vis 36, WL 14, PV 10, YP 5, Sd 1/4, Sol 3.0, pH 10.0, Alk .42, Mf
 .90, CL 1200, CA 40, Gels 2/4, Cake 2/32, MBT 15, LCM 10%, Cr 1200. Cum Csts:
 \$117,257.

11-8-81 4560'; (540'-23 hrs); Drlg.

Drl; RS; drl; RS; drl. No brks. BGG 10 units. MW 9.2, vis 46, WL 10, PV
 15, YP 6, Sd 1/4, Sol 6, pH 9.5, Alk .10, Mf .63, CL 1100, CA 50, Gels 2/5, Cake 2/32,
 MBT 15, LCM 10%, Cr 850. Cum Csts: \$130,002.

11-9-81 4945'; (385'-22 1/2 hrs); Drlg @ 17'/hr.

Drl; RS; drl; surv; drl; RS; drl. BGG 15 units, CG 25 units. No brks.
 MW 9.4, vis 34, WL 10, PV 14, YP 4, Sd 1/4, Sol 7, pH 10.0, Alk .40, Mf .90, CL 1000,
 CA 60, Gels 2/4, Cake 2/32, MBT 3.0, LCM 7%, Cr 800. Cum Csts: \$141,658.

11-10-81 5200'; (255'-17 hrs); Drlg @ 15'/hr.

Drl; RS; drl; TOH 10 stds to rep kelly hose; chng out kelly hose; TIH
 10 stds; drl. BGG 10 units, CG 10 units. Drlg Brks: 4986-5030', rate 4 1/2/1 1/2/4 mpf,
 gas 10/10/10 units; 5154-5180', rate 5/2/5 1/2 mpf, gas 8/20/9 units. MW 9.4, vis 38,
 WL 9, PV 17, YP 3, Sd 1/4, Sol 8.0, pH 10.0, Alk .40, Mf 1.10, CL 1000, CA 40, Gels
 3/5, Cake 2/32, MBT 3.5, Cr 850. Cum Csts: \$150,204.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

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		13. STATE Utah

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Please see attached chronological for report of operations November 16 through December 15, 1981.

RECEIVED

DEC 23 1981

DIVISION OF
OIL, GAS & MINING

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SIGNED

H. E. Aab

TITLE District Drilling Manager* DATE Dec. 15, 1981

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

CIGE #82D-20-10-22-P (CIGE)

Natural Buttes Unit

Uintah County, Utah

AFE: 19802 WI: 100%

ATD: 6200' SD: 9-8-81/10-31-81

CIGE, Oper.

Westburne #65, Contr.

9-5/8" @ 221' GL; 4½" @ 6000';

LOCATION: 524' FNL & 2261' FWL

Sec 20-T10S-R22E.

Elv: 5289' GL (ungr)

TD: 6000'

PBSD: 5549'

Perf: 4993-5625' (9 shots)

11-11-81 5454'; (254'-19½ hrs); TOH f/bit #3.

Drl; RS; drl; RS; drl, lost 500# pmp press; POH f/hole in DP (hole in mid of btm jnt on 43rd std out - 3966'); cont TOH f/bit chng. BGG 25 units, CG 40 units. Drlg Brk: 5378-5398', rate 5/1½/5 mpf, gas 25/100/30 units. MW 9.4, vis 35, WL 10.0, PV 15, YP 4, Sd ¼, Sol 8, pH 10.0, Alk .40, MF .95, CL 900, CA 60, Gels 3/5, Cake 2/32, MBT 3.0, Cr 900. Cum Csts: \$159,342.

11-12-81 5691'; (237'-18 hrs); Drlg @ 13'/hr.

TIH w/bit #3 @ 5454'; wash & ream 10' to btm; drl; RS; drl. BGG 50 units, CG 80 units. Drlg Brks: 5608-5626', rate 4½/1½/4 mpf, gas 55/650/60 units; 5634-5642', rate 4/2/4 mpf, gas 60/140/70 units. MW 9.2+, vis 34, WL 11, PV 6, YP 3, Sd ¼, Sol 6.0, pH 10.0, Alk .45, MF 1.23, CL 1000, CA 50, Gels 2/3, Cake 2/32, MBT 2.5, Cr 750. Cum Csts: \$171,702.

11-13-81 5972'; (281'-22 hrs); Trip f/hole in pipe.

Drl; RS; drl; RS; drl, lost 400# pmp press; pmp flag, lost 100# pmp press; TOH f/hole in pipe. BGG 80 units, CG 100 units. No drlg brks. MW 9.2+, vis 35, WL 10, PV 10, YP 3, Sd ¼, Sol 6, pH 10, Alk .73, MF 1.76, CL 1500, CA 40, Gels 2/4, Cake 2/32, MBT 3.0, Cr 600. Cum Csts: \$182,036.

11-14-81 TD 6000'; (28'-2 hrs); Logging w/Dresser.

TOH f/washout @ 5972', found #7 & #8 DC washout in boxes & pin; TIH w/bit #3 to 5972'; drl 5972-6000'; circ & cond f/logs; TOH, SLM 6004', no corr; log w/Dresser; TD 6000' WL. Ran DIL/SP (2" scale) 239-6001', (5" scale) 1425-6001'. MW 9.3, vis 40, WL 10.0, PV 12, YP 4, Sd ¼, Sol 7, pH 10.0, Alk .65, MF 1.32, CL 1400, CA 40, Gels 2/4, Cake 2/32, MBT 15, LCM 5%, C4 850. Cum Csts: \$193,509.

11-15-81 TD 6000'; ND BOP.

Fin logging; TIH w/bit #3; rig rep-clutch; TIH to 6000'; circ & cond f/4½" csg; LD DP & DC; ran 132 jnts 4½" 11.6# N-80 LT&C csg (6001'); set @ 6000' KB (KB=18'); circ 4½" csg; RU Howco & cmt w/30 bbl mud flush, 50 bbl Spacer 1000, 800 sx 50/50 Poz, 8% gel, 10% salt, .6% HA-24, 5#/sk Gilsonite, ¼#/sk Flocele (12.7 ppg); followed with 1300 sx 50/50 Poz, 2% gel, 10% salt, .6% HA-24, ¼#/sk Flocele (13.9 ppg); pmpd @ 9 BPM; displ w/92.5 bbl 5% KCl; circ 95 bbl cmt; PD @ 3:30 PM 11-14-81; FPP 1700#; bump plug 2/2200#; bled press, floate held; set 4½" slips; cut 4½" 10" above slips. Cum Csts: \$329,004.

11-16-81 TD 6000'; RD RT.

ND BOP; clean mud tank; RD RT to move to NBU 59Y-2. Rig Rel @ 10:00 AM 11-15-81. Cum Csts: \$359,454. Drop f/report; WO CU.

11-17-81 thru 12-4-81 WO CU.12-5-81 Prep to log.

MI RU Temple Well Service; spot equip; ND tree, NU BOP; PU, tally & std back 4790' 2-3/8" tbg; SDFN. Cum Csts: \$364,329.

12-6-81 TD 6000'; PBSD 5549' WL; SDFS.

RU OWP to log; RIH & tag PBSD @ 5958'; start logging & got stuck @ 5549', could not move up or down; jar on tool - pulled out of rope socket; SDFN. Fish = 1 1' x 1-11/16" rope socket w/7/16" fish neck, 1 5' x 1-11/16" bar, 1 6½' x 1-11/16" GR tool (12½' long). Cum Csts: \$368,604.

12-7-81 TD 6000'; PBSD 5549'; Prep to fish log tools w/WL.

SDFS. Cum Csts: \$368,604.

12-8-81 TD 6000'; PBSD 5900' (fish top).

RU OWP & attempt to fish logging tools; made 3 runs - could not fish; RIH w/3.875" gauge ring & JB to 5900' - no junk rec; log w/GR/CCL f/5900' to 4700'; SDFN. Note: Fish was left in btm of hole. Cum Compl Csts: \$20,225.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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3. ADDRESS OF OPERATOR P. O. BOX 749, DNEVER, CO 80201		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT																		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 524' FSL/2261' FWL (NE NW)		8. FARM OR LEASE NAME NATURAL BUTTES UNIT																		
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NOTICE OF INTENTION TO: <table style="width:100%;"> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input checked="" type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>		TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>		SUBSEQUENT REPORT OF: <table style="width:100%;"> <tr> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	(Other) <input type="checkbox"/>	
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THE CIGE 82D WAS FOUND TO BE NON-PRODUCTIVE. INTENT TO PLUG AND ABANDON AS PER ATTACHED PROCEDURE.

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING

DATE: 1/27-82
 BY: Original Signed by C. B. Fourn

18. I hereby certify that the foregoing is true and correct

SIGNED

W. J. Gooden
 W. J. GOODEN

TITLE PRODUCTION ENGINEER

DATE JANUARY 18, 1982

(This space for Federal or State office use)

APPROVED BY _____
 CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

PULG & ABANDONMENT PROCEDURE

CIGE 82D-20-10-22P
NE NW SECTION 20-T10S-R22E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH

JANAURY 18, 1982

WELL DATA

Location: 524' FNL, 2261' FWL, Section 20-T10S-R22E

Elevation: 5289' UnGr, 5307' KB

Total Depth: 6000', Float collar @ 5958'

Production Casing: 4½" N-80 set @ 6000' w/2100 sx cement.
Plug bumped & cement circulated.

Casing ID/Capacity: 4.00"/.0155 bbl/ft

Casing Drift Diameter: 3.875"

Perforations: w/3-1/8" casing gun as follows

4993' 1 JSPF	5193' 1 JSPF
4995' 1 JSPF	5198' 1 JSPF
4997' 1 JSPF	
	5625' 2 JSPF
5095' 1 JSPF	
5099' 1 JSPF	TOTAL: 9 HOLES

Depth Reference: Dresser Atlas Compensated Nuetron Density log dated 11-14-81.

Tubing: 2-3/8" 4.7# J-55 w/Baker R-3 packer set @ 5057' w/18,000 lbs
compression. SN @ 5026'.

Stimulation: Broke down w/2700 gallons 5% KCl water and 18 ball sealers.
Perfs 5095' - 5625' fraced w/20,000 gallons gelled water and
30,000 lbs 20/40 sand.

Foramtion Tops: Uintah - Surface
Green River - 1482'
Wasatch - 4248'

Present Status: Non-productive. Waiting on P&A.

PROCEDURE

1. Notify USGS in Salt Lake City 24 hours prior to commencement of operations.
2. MIRUSU.
3. Kill well. ND tree and NU BOP's.

PLUG AND ABANDONMENT PROCEDURE
CIGE 82D-20-10-22P
NE NW SECTION 20-T10S-R22E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
JANUARY 18, 1982
continued:

4. Release packer and TOOH.
5. TIH to 5750' w/2-3/8" tubing.
6. Displace hole w/9.2 ppg drilling mud.
7. Set 250' plug across perms 5625' from 5750' to 5500' w/20 sx class "G" cement.
8. POOH to 5300' and set 400' plug across perms 4993' - 5198' from 5300' to 4900' w/35 sx class "G" cement.
9. POOH to 4350' and set 250' plug across top of Wasatch from 4350' to 4100' w/20 sx class "G" cement.
10. POOH to 1700' and set 250' plug across top of Green River oil shale from 1700' to 1450' w/20 sx class "G" cement.
11. POOH to 300' and set 300' surface plug from 300' to surface w/25 sx class "G" cement.
12. TOOH w/tubing, ND BOP's and release rig.
13. Cut casing off 3' below surface and install dry hole marker in plug in 4½" casing.
14. Clean up location and restore to original grade.
15. Notify USGS to make final inspection.

Note: Total cement required to P&A well is 120 sx.

PREPARED BY:

W. J. Gooden
W. J. GOODEN, PRODUCTION ENGINEER

DATE:

1/19/82

APPROVED BY:

Wendell Cole
WENDELL COLE, DISTRICT GEOLOGIST

DATE:

1-18-82

APPROVED BY:

Frank Midkiff
FRANK MIDKIFF, DISTRICT PRODUCTION MANAGER

DATE:

1-18-82

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	Operations <input type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached chronological for report of operations December 16, 1981 through January 15, 1982.

18. I hereby certify that the foregoing is true and correct

SIGNED

H. E. Aab

TITLE District Drilling Manager

DATE Jan. 19, 1982

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

CIGE #82D-20-10-22-P (CIGE)

Natural Buttes Unit

Uintah County, Utah

AFE: 19802 WI: 100%

ATD: 6200' SD: 9-8-81/10-31-81

CIGE, Oper.

Westburne #65, Contr.

9-5/8" @ 221' GL; 4 1/2" @ 6000';

LOCATION: 524' FNL & 2261' FWL

Sec 20-T10S-R22E.

Elv: 5289' GL (ungr)

TD: 6000'

PBD: 5958'

Perf: 4993-5625' (9 shots)

- 12-25-81 SD f/holiday; WO frac. Note pkr set @ 5057'.
SITP 1750 psi, SICP 180 psi (pkr 5057' w/perfs @ 4993', 4995', 4997').
- 12-26-81 SD f/holiday; WO frac.
SITP 1775 psi, SICP 235 psi (pkr).
- 12-27-81 SD f/holiday; WO frac.
SITP 1800 psi, SICP 275 psi (pkr).
- 12-28-81 Prep to frac @ 10:00 AM.
No press reported.
- 12-29-81 Prep to flw well to pit to clean up after frac.
SITP 1900 psi; held safety meeting & press tst lines to 6000 psi; fl temp 84°F; frac Wasatch perfs 5095-5625' (6 holes) thru 2-3/8" tbg & pkr w/20,000 gal low-residue X-linked gel & 30,000# 20/40 sd as follows: Pad on perfs w/3700 psi @ 8 BPM; start 1 ppg w/5900# @ 9 BPM; start 2 ppg w/5000# @ 9 BPM; start 3 ppg w/4700# @ 9 BPM; all frac w/4600# @ 9 BPM; all flush w/4600# @ 9 BPM; ISDP 2700 psi, 30 min 2150 psi; AR 9 BPM @ 5000 psi; SICP 350 psi; pkr held ok.
- 12-30-81 Flwg to pit to clean up after frac.
SITP 1250 psi, SICP 325 psi (pkr); opn to pit @ 12:45 on 12/64" CK, 30 min FTP 1080 psi, 2" stream frac wtr.
- 12-31-81 Flwg to pit to clean up after frac.
12/64" CK, FTP 160, SICP 325, gas TSTM, 1/2" stream wtr; chng to 16/64" CK @ 11 AM; 1:30 PM FTP 160, SICP 325, 1/2" stream wtr, gas TSTM, 16/64" CK.
- 1-1-82 Opn to pit to clean up after frac.
16/64" CK, FTP 0 psi, SICP 300 psi (pkr), well dead.
- 1-2-82 Opn to pit to clean up after frac.
16/64" CK, FTP 0 psi, SICP 300 psi (pkr), well dead.
- 1-3-82 Opn to pit to clean up after frac.
16/64" CK, FTP 0 psi, SICP 300 psi (pkr), well dead.
- 1-4-82 Opn to pit to clean up after frac.
16/64" CK, FTP 0 psi, SICP 300 psi (pkr), well dead.
- 1-5-82 SI f/press BU.
Opn to pit after frac - well dead; TP 0 psi, SICP 225 psi; SI @ 3:30 PM f/press BU.
- 1-6-82 TD 6000'; PBD 5817' SLM, btm perf 5625'; SI to build press.
SITP 200 psi, SICP 300 psi.
- 1-7-82 TD 6000'; PBD 5817'; SI f/press BU.
SITP 425 psi, SICP 250 psi (pkr).
- 1-8-82 TD 6000'; PBD 5817'; WO swb unit.
SITP 510 psi, SICP 265 psi (pkr).
- 1-9-82 SI; NR.
- 1-10-82 WO swb unit.
SITP 700 psi, SICP 225 psi.
- 1-11-82 WO swb unit.
SITP 650 psi, SICP 250 psi (pkr); WO swb unit; Prep to blw well dwn to pit.

CIGE #82D-20-10-22-P (CIGE)

Natural Buttes Unit

Uintah County, Utah

AFE: 19802 WI: 100%

ATD: 6200' SD: 9-8-81/10-31-81

CIGE, Oper.

Westburne #65, Contr.

9-5/8" @ 221' GL; 4½" @ 6000';

LOCATION: 524' FNL & 2261' FWL

Sec 20-T10S-R22E.

Elv: 5289' GL (ungr)

TD: 6000'

PBTD: 5900'

Perf: 4993-5625' (9 shots)

12-9-81 TD 6000'; PBTD 5900' (fish top); Flwg well to pit to clean up after brkdwn. Press tst csg to 6000 psi-ok; RIH; perf Wasatch gross interval 4993-5625' w/3-1/8" csg gun (9 shots); TIH w/2-3/8" tbg to 4796' w/SN @ 4765', blast jnt @ surf; brk dwn Wasatch w/65 bbl 5% KCl wtr & 16 balls; AR 4.5 BPM, AP 4100 psi; opn well to pit on 16/64" CK.

12-10-81 Flwg well to pit to clean up after brkdwn. Almost plugged off @ WH w/BS; 16/64" CK, TP 200 psi, CP 700 psi, 25-30 BWPD, gas TSTM.

12-11-81 Flwg to pit to clean up after brkdwn. FTP 0 psi, CP 650 psi.

12-12-81 Flwg to pit to clean up after brkdwn. FTP 0 psi, SICP 660 psi, 0 MCF, 0 BW, 16/64" CK.

12-13-81 Flwg to pit to clean up after brkdwn. FTP 0 psi, SICP 875 psi, 16/64" CK, 0 BW, 0 MCF.

12-14-81 Flwg to pit to clean up after brkdwn. FTP 50 psi, SICP 950 psi, 16/64" CK, 0 MCF, ½" stream wtr.

12-15-81 Opn to pit after brkdwn. FTP 0 psi, SICP 785 psi, 0 BW, 0 MCF.

12-16-81 Opn to pit after brkdwn. TP 0 psi, CP 950 psi, 16/64" CK; well dead, 0 BW, 0 MCF.

12-17-81 Opn to pit after brkdwn. FTP 0 psi, SICP 950 psi, 16/64" CK; well dead.

12-18-81 Prep to pull tbg. Well dead, 0 psi TP, 800 psi SICP, 16/64" CK; MI RU Gibson Well Service.

12-19-81 Swb tstg Wasatch perf 4993-4997'. POH w/2-3/8" tbg; PU 4½" Bak ret pkr w/4" sub & bullplug in pkr; ran 3' perf nip & SN above pkr; TIH & set pkr @ 5050'; RU swb & tst Wasatch perf 4993-4997'; made 5 swb runs, rec 28 BW w/FL @ 2000-4500'; SDFN.

12-20-81 Swb tstg Wasatch perfs 4993-4997'. Swb 31 BW-9 hrs w/small show gas; SDFN.

12-21-81 Prep to POH & LD perf nip & RIH to selective tst Wasatch perfs 5095-5625'. SDFS.

12-22-81 SITP 25-50 psi; made 1 swb run-dry; Prep to land tbg & RD SU. POH w/pkr & LD perf nip & bullplug; TIH & set pkr @ 5050', SN @ 5020'; RU & swb tst perfs 5095-5625' (6 holes); made 5 runs in 5 hrs, rec 11 BW-swbd dry; SI & SDFN.

12-23-81 Prep to RD & move to NEU #37X-P. SITP 50 psi; blw to pit on 8/64" CK, gas TSTM; RIH w/swb & tbg, FL @ 5000', no fl entry overnight; fel pkr; POH; PU Bak R-3 pkr & RIH on 2-3/8" tbg, set @ 5057' w/18,000# comp, SN @ 5026'; ND BOP, NU tree; made 3 swb runs, swb dry with slight blw gas; SDFN.

12-24-81 SI; WO frac.

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
2. NAME OF OPERATOR CIG EXPLORATION, INC.		8. FARM OR LEASE NAME NATURAL BUTTES UNIT	
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201		9. WELL NO. CIGE 82D-20-10-22 P	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 524 FSL 2261' FWL (NE NW)		10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES FIELD	
14. PERMIT NO. 43-047-30864		15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5289' UNGR	
		12. COUNTY OR PARISH UTAH	
		13. STATE UTAH	

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	FULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(Other)	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

THE ABOVE CAPTIONED WELL WAS P&A ACCORDING TO PROCEDURE ON JANUARY 24, 1982.
SEE ATTACHED CHRONOLOGICAL.

18. I hereby certify that the foregoing is true and correct

SIGNED W. J. Gooden
W. J. GOODEN

TITLE PRODUCTION ENGINEER

DATE JANAURY 28, 1982

(This space for Federal or State office use)

CONDITIONS OF APPROVAL, IF ANY:

***See Instructions on Reverse Side**

CIGE #82D-20-10-22-P (CIGE)

Natural Buttes Unit

Uintah County, Utah

AFE: 19802 WI: 100%

ATD: 6200' SD: 9-8-81/10-31-81

CIGE, Oper.

Westburne #65, Contr.

9-5/8" @ 221' GL; 4½" @ 6000';

LOCATION: 524' FNL & 2261' FWL
 Sec 20-T10N-R22E.
 Elv: 5289' GL (ungr)
 TD: 6000'

1-12-82 WO swb unit.

SITP 725 psi, SICP 225 psi (pkr).

1-13-82 FTP 0 psi, SICP 225 psi (pkr), 16/64" CK; well dead.1-14-82 Prep to swb.

SICP 225 psi, FTP 0 psi, 16/64" CK; well dead; MI RU Bright Swb Service.

Cum Compl Csts: \$106,076.

1-15-82 Swbg.

Road to loc; made 21 swb runs, IFL @ 25', FFL @ 3400'; pulling f/SN @ 5020' on last 15 runs; rec 66 BW w/no sd & no gas; SI & SDFN. Cum Compl Csts: \$107,876.
 Tot Cum Csts: \$467,530.

1-16-82 TD 6000'; PBTD 5817'; SI WO P & A.

SITP 550; blw dwn to 0 psi in 15 min w/16/64" CK; RU & make 5 swb runs, IFL @ 1500'; swb dry, making 1 run/hr, rec 15 BW; RD & rel swb unit; WO P & A. Drop f/report until further activity. Cum Compl Csts: \$108,896. Tot Cum Csts: \$468,530.

1-17-21-82 SI; WO P & A.1-22-82 POH w/tbg & pkr.

MI RU Gamanche Rig #9 to P & A; SITP 1500, bleed off in 2 min; try to flw wtr; kill w/35 bbl 10 ppg brine; ND tree, NU BOP; rel pkr; LD donut & 1 jnt tbg; SDFN. Cum Compl Csts: \$111,326. Tot Cum Csts: \$470,980.

1-23-82 Prep to ND BOP & move rig.

SITP 250 psi; bleed off; start POH w/tbg & pkr; SD f/rig rep; POH 101 jnts 2-3/8" tbg & R-3 pkr; RIH to 5750' & displ hole w/7.2 ppg DM; set C1 "G" cmt plugs as follows: Plug #1 perfs 5750-5500' w/20 sx, plug #2 perfs 5300-4900' w/35 sx, plug #3 Top Wasatch 4350-4100' w/20 sx, plug #4 Top GR oil sh 1700-1450' w/20 sx, #5 surf 3-300' w/25 sx; SDFN. Cum Compl Csts: \$88,681. Tot Cum Csts: \$448,335.

1-24-82 Well P & A.

ND BOP; RD & clear loc; move Gamanche Well Service to NBU #61; set dry hole marker inside 4½" csg. Well P & A 1-23-82. Cum Compl Csts: \$89,781. Tot Cum Csts: \$449,435. Final Report.



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 17, 1982

Cig Exploration, Inc.
P. O. Box 749
Denver, Colorado 80201

Re: Well No. CIGE 82D-20-10-22
Sec. 20, T. 10S, R. 22E
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

SUBMIT IN DUPLICATE*

STATE OF UTAH

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

ML-22974

5. LEASE DESIGNATION AND SERIAL NO.

N/A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES UNIT

9. WELL NO.

CIGE #82D-20-10-22

10. FIELD AND POOL, OR WILDCAT

NATURAL BUTTES FIELD

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SECTION 20-T10S-R22E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

19. ELEV. CASINGHEAD

1a. TYPE OF WELL:

OIL

☐

GAS

☐

DRY

☒

Other

b. TYPE OF COMPLETION:

NEW

WELL

☒

WORK

OVER

☐

DEEP-

EN

☐

PLUG

BACK

☐

DIFF.

RESVR.

☐

Other

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DNEVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 524' FSL & 2261' FWL (NE NW)

At top prod. interval reported below SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

43-047-30864

1-15-82

15. DATE SPUDDED

9-8-81

16. DATE T.D. REACHED

11-13-81

17. DATE COMPL. (Ready to prod.)

1-23-82

18. ELEVATIONS (DF, R&R, RT, GR, ETC.)*

5289' GL

20. TOTAL DEPTH, MD & TVD

6000'

21. PLUG, BACK T.D., MD & TVD

5549'

22. IF MULTIPLE COMPL., HOW MANY*

N/S

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

N/A WELL P&A 1-23-82

26. TYPE ELECTRIC AND OTHER LOGS RUN

FDC-CNL

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	221'	12 1/2"	125 SX	
4-1/2"	11.6#	6000'	7-7/8"	2100 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					N/A		

31. PERFORATION RECORD (Interval, size and number)

N/A

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	

33.*

PRODUCTION

DATE FIRST PRODUCTION

NONE

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

DATE OF TEST

HOURS TESTED

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

W. L. GOODEN

TITLE PRODUCTION ENGINEER

DATE 2-17-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 22974
2. NAME OF OPERATOR: KERR-McGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. BOX 173779 CITY DENVER STATE CO ZIP 80127		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 524' FSL & 2261' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 20 10S 22E		8. WELL NAME and NUMBER: CIGE 82D
PHONE NUMBER: (720) 929-6100		9. API NUMBER: 4304730864
		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 2/16/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

METHANE GAS WAS FOUND BUBBLING OUT OF THE CASING STUB ON THIS PLUG AND ABANDONED WELL LOCATION.

THE OPERATOR REQUESTS AUTHORIZATION TO RE-CEMENT IN ORDER TO PREVENT FURTHER METHANE TO SURFACE. ATTACHED TO THIS SUNDRY IS THE PROPOSED PLUG AND ABANDON PROCEDURE.

COPY SENT TO OPERATOR

Date: 3.1.2010
Initials: KS

NAME (PLEASE PRINT) ANDY LYTLE

TITLE REGULATORY ANALYST

SIGNATURE

DATE 2/10/2010

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 2/25/10

BY: [Signature]
* See conditions of Approval (Attached)

RECEIVED

FEB 11 2010

DIV. OF OIL, GAS & MINING

CIGE 82D
 524' FSL & 2261' FWL
 NE NW S20-T10S-R22E
 Uintah County, UT

GLE: 5289'
 TD: 6001'
 PBTD: 0'

API NUMBER: 43-047-30864
 LEASE NUMBER: ML-22974

CASING: 12 1/4" hole
 9 5/8" 36# K-55 @ 221'
 Cemented w/ 125sx, 5bbl to surface

8 3/4" & 7 7/8" hole
 4 1/2" 11.6# N-80 @ 6001'
 Cemented w/ 800 sx 50/50 Poz, 1300 sx 50/50 Pox.

TUBING: No tubing in hole.

Tubular/Borehole	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
9 5/8" 36# K-55	8.765	2190	4160	3.2470	0.43409	0.07731
Annular Capacities						
4.5" csg X 9 5/8" 36# csg				2.4205	0.3236	0.05763
4.5" csg X 7.7/8 borehole				1.7039	0.2278	0.04057
9.5/8" csg X 12 1/4" borehole				2.3423	0.3131	0.05577

WELL HISTORY:

- Spud on 9/8/1981.
- Lost circulation at 1336'.
- Perf'd Wasatch from 4993-5625'.
- Completed 12/29/1981.
- Found to be unproductive.
- Plugged well 1/23/1982
- Plugs at 5750-5500 -20x, 5300-4900 -35sx, 4350-4100 -20sx, 1700-1450 -20sx, 3-300 -25sx
- Methane gas found bubbling out of casing stub on location

CIGE 82D PLUG & ABANDONMENT PROCEDURE

GENERAL

- H₂S MAY BE PRESENT. CHECK FOR H₂S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: A maximum of 190 sx Class "G" cement needed for procedure

1. CUT CASING BELOW SURFACE TO POINT WHERE BOP IS ABLE TO LATCH ON.
2. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
3. DRILL UP TOP CEMENT PLUG (3'-300') AND TO TOP OF NEXT CEMENT PLUG AT 1450'.
4. PRESSURE TEST PRODUCTION CASING TO 500PSI.
5. RUN CBL TO DETERMINE IF THERE IS SUFFICIENT CEMENT BEHIND PROD CSG F/ 1450' - SURFACE.
6. IF THERE IS SUFFICIENT CEMENT AND PRESSURE TEST IS GOOD, RESET CEMENT PLUG FROM 3'-300' WITH 25 SX & GO TO STEP 12
7. IF THERE IS INSUFFICIENT CEMENT BEHIND PRODUCTION CASING, PERFORATE AT 1400'
8. SET CEMENT PLUG FROM 1400'-1150' BEHIND (55 SX) AND INSIDE PRODUCTION CASING (20 SX).
9. REVERSE CIRCULATE OUT CEMENT AND POOH.
10. PERFORATE AT 300'.
11. SET CEMENT PLUG FROM 300'-0' BETWEEN SURFACE & PRODUCTION CASING (90 SX) AND INSIDE PRODUCTION CASING (25 SX).
12. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.
13. INSTALL MARKER PER BLM GUIDELINES



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number: CIGE 82D
API Number: 43-047-30864
Operator: Kerr McGee Oil & Gas Onshore, L.P.
Reference Document: Original Sundry Notice dated February 10, 2010,
received by DOGM on February 11, 2010.

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. **IF pressure test is good and CBL shows good cement, call Division to discuss other options before proceeding as outlined in Step #6.**
3. All balanced plugs shall be tagged to ensure that they are at the depth specified.
4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.
5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet
Petroleum Engineer

February 25, 2010

Date



Wellbore Diagram

API Well No: 43-047-30864-00-00

Permit No:

Well Name/No: CIGE 82D-20-10-22

Company Name: CIG EXPLORATION INC

Location: Sec: 20 T: 10S R: 22E Spot: NENW

Coordinates: X: 631221 Y: 4422041

Field Name: NATURAL BUTTES

County Name: UTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	221	12.25		
SURF	221	9.625	36	
HOL2	6000	7.875		
PROD	6000	4.5	11.6	

Capacity
(t/cf)

11.459

3.090

Cement from 221 ft. to surface

Surface: 9.625 in. @ 221 ft.

Hole: 12.25 in. @ 221 ft.

Proposed Plug #2

$$\text{OUT } 300' / (1.15) (3.090) = 845x$$

Propose 903x

$$(95/8" \times 4 1/2")$$

Propose 253x

+ 0.1/4 1/2"

Proposed Plug #1

$$\text{OUT } (555x) (1.15) (3.090) = 195'$$

Propose to 1150'

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6000		50	800
PROD	6000		PC	1300
SURF	221	0	UK	125

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4993	5625			

Formation Information

Formation	Depth
UNTA	0
GRRV	1482
WSTC	4248
BMSW	5300



TD:

6000

TVD:

PBTD:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS


Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 22974
2. NAME OF OPERATOR: KERR-McGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. BOX 173779 CITY DENVER STATE CO ZIP 80127		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 524' FSL & 2261' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 20 10S 22E		8. WELL NAME and NUMBER: CIGE 82D
PHONE NUMBER: (720) 929-6100		9. API NUMBER: 4304730864
		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/23/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR HAS CONCLUDED THE RE-CEMENTING OPERATIONS ON THIS PLUGGED AND ABANDONED WELL LOCATION. PLEASE REFER TO THE ATTACHED REPORT FOR PLUGGING DETAILS.

NAME (PLEASE PRINT) ANDY LYTLE	TITLE REGULATORY ANALYST
SIGNATURE 	DATE 9/28/2010

(This space for State use only)

RECEIVED

OCT 11 2010

DIV. OF OIL, GAS & MINING

CIGE 82D

REPORT

9/20/2010

MOVE IN, DIG OUT GSG 4', SET ANCHORS, CALL CAMERON, C/O CSG, SET CSG HEAD. CEMENT AROUND 9 5/8" SURFACE ABOUT 2' DWN ABOUT 1' THICK, GREEN, NOT SET UP, CUT OFF 9 5/8" CSG, EXPOSED 4 1/2" CSG, HAD METHANE GAS IN 4 1/2", RAG WAS STUFFED IN TOP OF 4 1/2" CSG. WITH CEMENT ON TOP. WAIT FOR CAMERON TO MOUNT CSG HEAD, NOT SURE WHERE GAS WAS COMING FROM, 4 1/2" CSG OR OUTSIDE 9 5/8" SURFACE. NO SIGN OF GAS AT SURFACE AT THIS TIME.

9/21/2010

RIG DWN FOR NEW STARTER, PWR SWIVEL WON'T START, HOT SHOT SWIVEL FROM VERNAL. RU, PU 3 7/8" BIT, BIT SUB, 1 DC, RIH 4 1/2" CSG. KB 7', RIH TO 12' 7" TAG CEMENT, 5' 7" INSIDE 4 1/2" CSG DRILL 10', FELL THRU, DROP 30', TAG DRILL 3' FALL THRU, PATCHY CEMENT TO 190', SWIFN.

9/22/2010

CONTINUE DRILLING CEMENT, POOH PU 3 MORE DC, RIH TO DRILL HARD CEMENT FROM 190' TO 419.68'. FELL THRU, RIH TO 1358.69', TAG CEMENT, BREAK CIRC WITH 30 BBLs TMAC, LAY DWN 4 DC'S, 4 JTS TBG, BIT SUB, BIT, STD BACK 17 STDS TBG, RU CUTTERS RUN CBL, 1353', RD CUTTERS, SWIFN. CBL SHOWED GOOD CEMENT BOND 1353' TO 580'.

9/23/2010

RU CUTTERS, PU GUN, RIH TO 300', PERF 4 SHTS PER FT, POOH, RD CUTTERS, RD RIG, MOVE RIG, DIG OUT AROUND 9 5/8" CSG BELOW SURFACE, CUT-OFF CSG, WELD CAP WITH NIPPLE, 2" VALVE, ON 4 1/2" CSG, RU PRO PETRO, BREAK CIRC TO SURFACE WITH TMAC, PUMP 290 SX CEMENT TO SURFACE UP 9 5/8" CSG. RD PRO PETRO, CUT OFF 4 1/2" PLATE FILL CSG, WITH CEMENT, CAP WELL, BACK FILL.

N 40 DEGREES 00' 45.0" W 109 DEGREES 27' 26.5" ELEV 5264'